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| AUTHOR | Richards, Regina G. |
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ABSTRACT

This book is a comprehensive guide to learning and memory strategies for all students and especially those with learning problems. Chapter 1, on memory and the brain, explains brain cells, the cortex, function of the cerebral lobes, and other brain structures. Chapter 2 examines the memory process and discusses sensory memory, short-term memory, long-term memory, and retrieval memory. Chapter 3 focuses on memory in the classroom including different aspects of memory, memory facilitators, and specific procedures. Next, specific strategies for use in language arts are addressed in areas such as phonological awareness, sound/symbol correspondence, the spelling process, and syllabification. The fifth chapter discusses reading comprehension and provides strategies concerned with vocabulary, previewing, reading fluency, repeat reading, inferential understanding, and organization. A chapter on math strategies considers input components including linguistic, visual, kinesthetic, and patterns strategies; short-term memory; strategies for remembering math facts; and retrieval strategies. Chapter 7 offers memory strategies for learning facts. These cover enhancing working memory, using humor, peer teaching, generalizing strategy use, movement and rhythm strategies, mnemonics for specific situations, and review and rehearsal strategies. The final chapter is on memory strategies for conceptual learning. Sections address teaching and brain tips to encourage strategy use, the multiple benefits of priming, conceptual development, strategy selection, and consolidation. (Contains 90 references.) (DB)

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